

Environmental Coatings, Inc.

36 Eagle Rock Way, Montclair, NJ 07042 ■ Phone (973) 509-9456 Fax (973) 509-9460
Emergency (800) 424-9300

SECI-FE Part A

Two Component Flexible Epoxy Coating

Material Safety Data Sheet

H.M.I.S. Health: 0 Flammability: 0 Reaction: 0 Personal Protection: -

Hazardous Ingredients

(Components may be listed more than once. Duplicate listings indicate that the component was entered into the formula more than one time. % Weight calculations of duplicate components must be added together for total % weight of the component in the product.)

<u>Component name</u>	<u>CAS#</u>	<u>%WEIGHT</u>	<u>OSHA</u>	<u>PEL</u>	<u>ACGIH</u>	<u>OTHER</u>
6010 Araldite	25085-99-8	59.41	N/A	N/A	N/A	
Bisphenol A Diglycidyl Ether						

Physical Data

Appearance and Color: White Liquid

Boiling range: 200°F

Evaporation rate: slower than Ether

Weight per gallon: 12.89

Vapor density: heavier than air

Percent volatile by volume: 0%

V.O.C. 0.00

Fire and Explosive Data

Flashpoint: 490°F

Flammable Limits

D.O.T. Category: non-combustible

Lel: Uel:

Extinguishing Media: Foam, CO2, Dry Chemical

Unusual Fire Hazards: Keep containers tightly closed. Isolate from heat, electrical equipment, sparks, and open flames. Closed containers may explode when exposed to extreme heat. Do not apply on hot surfaces.

Special Firefighting Procedures: Water spray may be ineffective. Water spray may be used to cool closed containers to prevent pressure build up and possible auto-ignition or explosion when exposed to high heat. Fire fighters should wear self-contained breathing apparatus.

Health Hazard Data

Eye Contact: Short-term liquid or vapor contact may result in slight irritation. Prolonged and repeated contact may be more irritating.

Skin Contact: Prolonged and repeated liquid contact can cause de-fatting and drying of the skin, which may result in skin irritation or dermatitis.

Inhalation: High concentrations or prolonged exposure to lower concentrations may be irritating to the mucus membranes.

Ingestion: Liquid ingestion may result in vomiting. Aspiration (breathing in) of liquid to the lungs must be avoided as liquid contact with the lungs can result in chemical pneumonitis and pulmonary edema/ hemorrhage.

Primary routes of entry: Ingestion and Inhalation.

Emergency and First Aid Procedures: If this product comes in contact with the eyes, flush with large amounts of water for at least 15 minutes, and consult physician if irritation persists. In case of skin contact, wash with soap and large quantities of water, and remove saturated clothing. If breathing difficulties, dizziness, or light-headedness occur, when working in areas with high vapor concentrations, the victim should be removed to air that is free from vapors. If victim continues to experience breathing difficulties, oxygen should be administered until medical assistance can be rendered. If breathing stops, begin artificial respiration and seek immediate medical attention. If product is swallowed do not induce vomiting. Seek immediate medical attention.

Reactivity Data

Stability: Stable

Hazardous Polymerization: Will not occur

Incompatibility (materials to avoid): N/A

Hazardous Decomposition: N/A

Spill or Leak Procedures

Steps to be taken if material is released or spilled: If spilled eliminate potential sources of ignition. Provide maximum ventilation. Wear appropriate respirator and other protective clothing. Contain with inert material and place in closed containers for disposal. Floors may be slippery, use care to avoid falls.

Waste disposal method: Waste material must be disposed of in accordance with Federal, State, and local environmental control regulations. Empty containers should be recycled or disposed of through an approved waste management facility.

Special Protection Information

Ventilation: Provide adequate ventilation to meet TLV requirements. Engineering controls shall be spark-proof and explosion proof.

Respiratory protection: None required if not sprayed and good ventilation is maintained. Note-Spray from product must not be inhaled. Respirators should be provided if engineering controls are not adequate.

Protective gloves: The use of solvent resistant gloves is advised to prevent skin contact and possible irritation.

Other protective clothing and equipment: It is suggested that a source of clean water be available in work areas for flushing eyes and skin. Impervious clothing should be worn as needed.

Special Precautions

Precautions to be taken in handling and storage: Keep containers tightly closed. Store containers in cool dry place with adequate ventilation and away from sources of ignition.

Other precautions: Empty containers contain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, grill, grind, or expose such containers to heat, sparks, or other sources of ignition. They may explode and cause injury or death.

Distributed through:



Phone (888) 277-8834 or (702) 360-6111
www.safeencasement.com

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SECI-FE Part B

Two Component Flexible Epoxy Coating

Material Safety Data Sheet

H.M.I.S. Health: 0 Flammability: 0 Reaction: 0 Personal Protection: -
Hazardous Ingredients

(Components may be listed more than once. Duplicate listings indicate that the component was entered into the formula more than one time. % Weight calculations of duplicate components must be added together for total % weight of the component in the product.)

<u>Component name</u>	<u>CAS#</u>	<u>%WEIGHT</u>	<u>OSHA</u>	<u>PEL</u>	<u>ACGIH</u>	<u>OTHER</u>
1618		100	N/A	N/A	N/A	

No Hazardous Ingredients

Physical Data

Appearance and Color: Clear Liquid
Boiling range: N/A Evaporation rate: slower than Ether
Weight per gallon: 9.25 Vapor density: heavier than air
Percent volatile by volume: 0% V.O.C. 0.00

Fire and Explosive Data

Flashpoint: 180°F Flammable Limits
D.O.T. Category: Combustible Lel: N/A Uel: N/A
Extinguishing Media: Foam, CO2, Dry Chemical

Unusual Fire Hazards: Keep containers tightly closed. Isolate from heat, electrical equipment, sparks, and open flames. Closed containers may explode when exposed to extreme heat. Do not apply on hot surfaces.

Special Firefighting Procedures: Water spray may be ineffective. Water spray may be used to cool closed containers to prevent pressure build up and possible auto-ignition or explosion when exposed to high heat. Fire fighters should wear self-contained breathing apparatus.

Health Hazard Data

Eye Contact: Short-term liquid or vapor contact may result in slight irritation. Prolonged and repeated contact may be more irritating.

Skin Contact: Prolonged and repeated liquid contact can cause de-fatting and drying of the skin, which may result in skin irritation or dermatitis.

Inhalation: High concentrations or prolonged exposure to lower concentrations may be irritating to the mucus membranes.

Ingestion: Liquid ingestion may result in vomiting. Aspiration (breathing in) of liquid to the lungs must be avoided as liquid contact with the lungs can result in chemical pneumonitis and pulmonary edema/ hemorrhage.

Primary routes of entry: Ingestion and Inhalation.

Emergency and First Aid Procedures: If this product comes in contact with the eyes, flush with large amounts of water for at least 15 minutes, and consult physician if irritation persists. In case of skin contact, wash with soap and large quantities of water, and remove saturated clothing. If breathing difficulties, dizziness, or light-headedness occur, when working in areas with high vapor concentrations, the victim should be removed to air that is free from vapors. If victim continues to experience breathing difficulties, oxygen should be administered until medical assistance can be rendered. If breathing stops, begin artificial respiration and seek immediate medical attention. If product is swallowed do not induce vomiting. Seek immediate medical attention.

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